



US005946741A

United States Patent [19]
Moon

[11] **Patent Number:** **5,946,741**
 [45] **Date of Patent:** **Sep. 7, 1999**

[54] **HYGIENIC, REMOVABLE TOILET
 ATTACHMENT FOR ENEMA, DOUCHE OR
 COLONIC IRRIGATION**

[76] **Inventor:** **In E. Moon**, 19031 Antioch Dr., Irvine,
 Calif. 92715

[21] **Appl. No.:** **08/975,803**

[22] **Filed:** **Nov. 21, 1997**

Related U.S. Application Data

[60] Provisional application No. 60/031,689, Nov. 22, 1996.

[51] **Int. Cl.⁶** **A47K 3/20**

[52] **U.S. Cl.** **4/420.1; 4/420.3; 4/420.4;
 4/443; 4/448; 604/275; 604/276**

[58] **Field of Search** **4/420.1, 420.2,
 4/420.3, 420.4, 443, 447, 448; 604/275,
 278, 279, 276**

[56] References Cited

U.S. PATENT DOCUMENTS

1,838,356	12/1931	Berry .	
1,992,132	2/1935	Spicher .	
2,007,069	7/1935	Berg	604/276
2,528,095	10/1950	Ward .	
2,583,298	1/1952	Kowan	604/276
4,205,402	6/1980	Miller	4/448
4,696,673	9/1987	Ledin-Bonevik .	
4,764,997	8/1988	Anderson et al.	4/420.4
5,138,726	8/1992	Campbell .	
5,274,856	1/1994	Bernard et al. .	

FOREIGN PATENT DOCUMENTS

576051	12/1993	European Pat. Off.	604/279
424749	2/1935	United Kingdom .	
WO 85/04331	10/1985	WIPO .	
0 274 415	1/1988	WIPO .	
WO 94/25087	11/1994	WIPO .	

OTHER PUBLICATIONS

PCT International Search Report, dated Nov. 20, 1998, pp. 1-4.

Primary Examiner—Henry J. Recla

Assistant Examiner—Tuan Nguyen

Attorney, Agent, or Firm—Knobbe, Martens, Olson & Bear, LLP

[57] ABSTRACT

A toilet attachment is configured for positioning between a toilet seat and a toilet bowl. In use, the toilet attachment is secured by the weight of the toilet seat. The toilet attachment has a base plate and a tubular irrigation assembly which can be connected to a fluid line. The base plate has an upper and lower surface, a rear end and a front end. When the base plate is installed, the rear end faces a rear portion of the bowl and the front end faces a front portion of the bowl. The base plate has ports to receive and secure the fluid line and the irrigation assembly. These ports are located at the front end. The irrigation assembly comprises an irrigation tip, and in one embodiment of the toilet attachment, a restrictor as a limiter for preventing insertion of the tip too far into a body cavity.

20 Claims, 5 Drawing Sheets

